

06-23-00

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Please type a plus sign (+) inside this box → ☐Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 22-0134

First Inventor or Application Identifier Esmaell Yousefi

Title See 1 in Addendum

Express Mail Label No. EK432677071US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)2. ☒ Specification [Total Pages]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]4. Oath or Declaration [Total Pages]

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).5. ☐ Microfiche Computer Program (Appendix)6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 7. ☐ Assignment Papers (cover sheet & document(s))
- 8. ☒ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- 9. ☐ English Translation Document (if applicable)
- 10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- 11. ☐ Preliminary Amendment
- 12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 13. ☐ * Small Entity Statement(s) filed in prior application
(PTO/SB/09-12) ☐ Status still proper and desired
- 14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 15. ☒ Other: Copy of Unsigned Declaration

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	Michael S. Yatsko		
	TRW Inc.		
Address	Law Dept. One Space Park, Bldg. E2/6051		
City	Redondo Beach	State	CA
		Zip Code	90245
Country	U.S.A.	Telephone	310-812-4910
		Fax	310-812-2687

Name (Print/Type)	Michael Yatsko	Registration No. (Attorney/Agent)	28,135
Signature	<i>Michael S. Yatsko</i>	Date	6/21/00

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JC860 U.S. PRO
06/21/00

06/21/00 06/21/00

PTO
06/21/00

Attachment to PTO/SB/05 (4/98) Utility Patent Application
Transmittal

1. BEAM LAYDOWN FOR HOPPED SATELLITE DOWNLINK WITH ADAPTABLE
DUTY CYCLE

004230 " 9206560

FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)**780.00**

Complete if Known

Application Number
Filing Date **June 21, 2000**
First Named Inventor **Esmaell Yousefi**
Examiner Name **Unassigned**
Group / Art Unit **N/A**
Attorney Docket No. **22-0134**

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **20-1515**

Deposit Account Name **TRW Inc.**

☒ Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
101	201	690	Utility filing fee	690.00
106	206	310	Design filing fee	
107	207	480	Plant filing fee	
108	208	690	Reissue filing fee	
114	214	150	Provisional filing fee	

SUBTOTAL (1) (\$)**690.00**

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
25	-20** = 5	18	90
3	-3** = 0	78	0
Multiple Dependent			0

**or number previously paid, if greater; For Reissues, see below

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description
103	203	18	Claims in excess of 20
102	202	78	Independent claims in excess of 3
104	204	260	Multiple dependent claim, if not paid
109	209	78	** Reissue independent claims over original patent
110	210	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**90.00**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
105	205	130	Surcharge - late filing fee or oath	0.00
127	227	50	Surcharge - late provisional filing fee or cover sheet.	0.00
139	239	130	Non-English specification	0.00
147	247	2,520	For filing a request for reexamination	0.00
112	212	920*	Requesting publication of SIR prior to Examiner action	0.00
113	213	1,840*	Requesting publication of SIR after Examiner action	0.00
115	215	110	Extension for reply within first month	0.00
116	216	380	Extension for reply within second month	0.00
117	217	870	Extension for reply within third month	0.00
118	218	1,360	Extension for reply within fourth month	0.00
128	228	1,850	Extension for reply within fifth month	0.00
119	219	300	Notice of Appeal	0.00
120	220	300	Filing a brief in support of an appeal	0.00
121	221	260	Request for oral hearing	0.00
138	238	1,510	Petition to institute a public use proceeding	0.00
140	240	110	Petition to revive - unavoidable	0.00
141	241	1,210	Petition to revive - unintentional	0.00
142	242	1,210	Utility issue fee (or reissue)	0.00
143	243	430	Design issue fee	0.00
144	244	580	Plant issue fee	0.00
122	222	130	Petitions to the Commissioner	0.00
123	223	50	Petitions related to provisional applications	0.00
126	226	240	Submission of Information Disclosure Stmt	0.00
581	281	40	Recording each patent assignment per property (times number of properties)	0.00
146	246	690	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149	249	690	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
Other fee (specify)				0.00
Other fee (specify)				0.00

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**0.00**

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Michael S. Yatsko	Registration No. (Attorney/Agent)	28,135
Signature	<i>Michael S. Yatsko</i>	Telephone	310-812-4910
		Date	6/21/00

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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